FIREBULL

Tracked Fire Engine

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MAGIRUS

TECHNICAL DATA

Maximum extinguishing power in places others cannot even reach

The forest fire incidents of recent years have shown the high demand among fire and emergency services for effective and technically mature solutions. This is precisely where the Magirus FireBull comes in: It transports high payloads with minimum ground pressure over the most difficult terrain, ensuring maximum extinguishing power, and safety for the emergency services at the same time. The tracked fire engine combines efficient AirCore extinguishing technology, flexible superstructure options and the all-terrain PowerBully chassis to form a fully developed solution for use in vegetation fires.

Powerful caterpillar chassis

- **Chassis** — PowerBully 18T, Kässbohrer Geländefahrzeug AG
- **Engine power, Emission standard** — 231 kW (310 HP), Stage V / Tier 4f
- **Speed** — approx. 13 km/h
- **Gross vehicle weight** — 30,000 kg
- **Ground pressure (at max. total weight)** — 0.300 kg/cm²
- **Climbing performance & max. chassis inclination** — 31° (60%), 21° (40%) transverse to slope
- **Fording depth** — 1,400 mm
- **Cabine** — ROPS / FOPS certified
- Thanks to its high payload with low ground pressure and an ideal fording depth it can be used in impassable terrain but also in peat fires, ground fires, smouldering fires or in swampy areas

Where wheeled vehicles reach their limits, the caterpillar drive provides agility while ensuring a high level of driving comfort

Flexible AluFire 3 superstructure

- **Volume tank** — 9,000 l water, 1,000 l foam
- **Pump capacity** — 2,000 l/min at 10 bar
- **Variable** Magirus AluFire 3 **equipment storage system** for optimal customisation
- Magirus **HMI control panel** for intuitive operation of the vehicle
- **Continuous interior, ambient and roof lighting** for safe and consistent illumination

High payload, minimum ground pressure: 30 times less pressure than a 6x6 truck

Highly efficient AirCore extinguishing turbine

- **Power, operational pressure water** — 25 kW (shaft power), max. 16 bar
- **Water flow** — variable adjustable
  - Mode for fine water mist — up to 1,500 l/min (nozzle head and ring)
  - Mode for high water flow (monitor and nozzle ring) — up to 3,500 l/min at 16 bar; up to 3,000 l/min at 13 bar
- **Angle of inclination / -rotation** — -19° up to +43° / 360°
- **Throwing distance** — up to 60 m with fine water mist mode (nozzle head); up to 80 m with central monitor
- **Airflow (infinitely adjustable)** — 60,000 m³/h (*) / 105,000 m³/h

Large-scale use of wetting agents thanks to AirCore misting technology

Multiple options

- Ideally used in combination with the mobile tactical operations network **Magirus TacticNet** and the **Magirus FleetConnect** fleet management system
- **Optionally available:** Air conditioning, auxiliary heating, overpressure system, telemetry, larger tank capacities, high-pressure pump and many more on request

* Net air flow rate through the turbine. The value has not been determined, according to Amca or ULH fair process, which also takes the turbine's external air flow into account. This leads to much greater results, up to 105,000 m³/h.

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